

The invention is claimed as follows:

1. A sidewall for a trailer comprising:

a bottom rail;

5 at least one panel comprised of an inner skin, an outer skin and a core member
between said inner skin and said outer skin; and

a baserail having an upper portion and a lower portion, said lower portion of said
baserail being secured to said bottom rail and said upper portion of said baserail being
secured to said at least one panel such that said baserail separates said at least one panel from
10 said bottom rail.

2. A sidewall as defined in claim 1, wherein said baserail abuts against said inner skin of
said at least one panel.

15 3. A sidewall as defined in claim 1, wherein said baserail abuts against an outer surface
of said bottom rail.

4. A sidewall as defined in claim 1, wherein a splicing member secures said baserail to
said at least one panel.

20 5. A sidewall as defined in claim 4, wherein said splicing member has a first portion, a
second portion and a third portion, said first portion abutting said outer skin of said at least
one panel, said second portion being positioned below said bottom end of said at least one
panel in order to support said at least one panel, said third portion abutting said baserail.

6. A sidewall as defined in claim 5, wherein at least one rivet secures said upper portion of said baserail, said at least one panel and said first portion of said splicing member together, and wherein at least one rivet secures said baserail and said third portion of said splicing member together.

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7. A sidewall as defined in claim 5, wherein said first and second portions of said splicing member are generally straight and are generally perpendicular to one another, said second portion of said splicing member extending inwardly from said inner surface of said first portion of said splicing member.

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8. A sidewall as defined in claim 7, wherein said second portion of said splicing member extends inwardly from said first portion of said splicing member a distance which is at least as large as a thickness of said at least one panel.

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9. A sidewall as defined in claim 7, wherein said third portion of said splicing member has a curved portion and a straight portion, said curved portion extends inwardly and downwardly from said connection of said first and second portions of said splicing member, said straight portion extends from said curved portion and abuts said baserail.

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10. A sidewall as defined in claim 9, wherein said at least one rivet which secures said baserail and said third portion of said splicing member together extends through said straight portion.

11. A sidewall as defined in claim 4, wherein said splicing member is an extrusion formed of a high strength material.

12. A sidewall as defined in claim 11, wherein said splicing member is continuous along a length thereof.

13. A sidewall as defined in claim 1, wherein said baserail has a length of fifty-two feet.

14. A sidewall as defined in claim 13, wherein said baserail is continuous along said length thereof.

15. A sidewall as defined in claim 1, wherein said baserail has a height of twenty-two inches.

16. A sidewall as defined in claim 1, wherein said baserail has a thickness of nineteen-hundredths of an inch.

17. A sidewall as defined in claim 1, wherein said baserail is formed of a strong, lightweight material.

18. A sidewall as defined in claim 17, wherein said strong, lightweight material of said baserail is aluminum.

19. A sidewall as defined in claim 1, wherein at least two panels are provided, said at least two panels being connected together by a joint configuration.

20. A sidewall as defined in claim 1, wherein said baserail is inset from said at least one
5 panel.

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